

ABSTRACT

The present invention provides a production method of a ferrite material comprising as main constituents  $\text{Fe}_2\text{O}_3$ : 62 to 68 mol%, ZnO: 12 to 20 mol%, and MnO substantially constituting the balance, wherein the method comprises a compacting step for obtaining a compacted body by using a powder containing the main constituents, the powder having a specific surface area falling within a range between 2.5 and 5.0  $\text{m}^2/\text{g}$  and a 90% particle size of 10  $\mu\text{m}$  or less, and a sintering step for sintering the compacted body obtained in the compacting step. Accordingly, the saturation magnetic flux density of the Mn-Zn based ferrite can be improved.